Index of Claims

| App | olica | tion | /Cor | ntrol | No. |
|-----|-------|------|------|-------|-----|
|-----|-------|------|------|-------|-----|

10/828,917

WU ET AL.

Applicant(s)/Patent under Reexamination

Examiner

Art Unit

**Ernest Unelus** 

2181

| <b>√</b> | Rejected |
|----------|----------|
|          | Allowed  |

(Through numeral) Cancelled

Restricted

| N | Non-Elected  |
|---|--------------|
| _ | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

| Cla  | aim.     | Date     |          |          |          |  | Claim Date     |              |           |          |          |          |                  |               | $\neg$   | Claim Date     |          |          |          |          |          |          |          |            |          |                       |           |          |   |          |           |   |          |
|--|----------|----------|----------|----------|----------|--|----------------|--------------|-----------|----------|----------|----------|------------------|---------------|----------|----------------|----------|----------|----------|----------|----------|----------|----------|------------|----------|-----------------------|-----------|----------|---|----------|-----------|---|----------|
| <u> </u>   |          | -        | г        |          | т'       | I  | Ť              |              |           |          |          |          |                  |               | -        | <del>  0</del> |          |          |          |          | <u> </u> | /6((     | Ĺ        |            |          | _                     |           |          |   |          |           |   |          |
| Final  | Original | 7/27/06  |          |          |          |  |                |              |           |          | Final    |          | Original         |               |          |                |          |          |          |          |          |          | Final    | Original   |          |                       |           |          |   |          |           |   |          |
|  | 1        | 1        | H        | $\vdash$ | ┢        | H  | H              | ╁            | Н         | -        |          | $\dashv$ | 51               | $\vdash$      | $\dashv$ | _              | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ |          | $\dashv$ | <b>—</b> | 101        |          |                       | +         | $\dashv$ |   |          |           |   |          |
|  | 2        | 1        | -        | <u> </u> | -        | ╁  | ╁╌             | ╁            | Н         |          | -        |          | 52               |               | $\dashv$ | -              | $\dashv$ | $\dashv$ | +        | $\dashv$ | $\dashv$ | $\dashv$ |          | 102        |          | $\vdash$              | +         |          |   | -        |           |   |          |
|  | 3        | Ì        | -        |          | ┪        | $\vdash$   | t              | $\vdash$     | Н         | -        | -        |          | 53               |               | -        | ┰              |          | -+       | +        |          | $\dashv$ | $\dashv$ |          | 103        |          | +                     | $\dashv$  | $\dashv$ |   |          |           |   |          |
|  | 4        | Ì        | $\vdash$ | _        | $\vdash$ | $\vdash$   | t              | $\vdash$     | Н         | $\neg$   | <b>⊢</b> |          | 54               |               | -        |                | _        | -        | -+       | 7        | +        | _        |          | 104        |          |                       | ┪         | $\dashv$ | _ | -        |           |   |          |
|  | 5        | V        |          | $\vdash$ |          | $\vdash$   | H              | $\vdash$     | Н         |          |          |          | 55               |               | $\dashv$ | $\dashv$       | $\dashv$ | $\dashv$ | $\dashv$ | 一        | $\dashv$ | _        |          | 105        | -        | -                     | 7         | $\dashv$ |   |          |           |   |          |
|  | 6        | 1        | $\vdash$ |          | t        |  | T              | $\vdash$     | Н         |          |          |          | 56               | $\Box$        | 寸        | 寸              | $\neg$   | 寸        | 十        | 寸        | 十        | $\neg$   |          | 106        |          |                       | 7         | $\neg$   |   |          |           |   |          |
|  | 7        | 1        |          |          | T        | <u> </u>   | T              | T            | П         |          |          |          | 57               |               | 寸        | 寸              | 寸        | 寸        | $\dashv$ | 寸        | 十        | _        |          | 107        |          |                       | ┪         |          | _ | _        |           |   |          |
|  | 8        | 1        |          |          | T        | T  | T              | t            | П         |          |          |          | 58               |               |          |                |          |          | _        | ヿ        | _        |          |          | 108        |          |                       | 7         | $\neg$   |   |          |           |   |          |
|  | 9        | V        |          |          |          | <b> </b>   |                | $\top$       | П         |          |          | 1        | 59               |               |          | $\neg$         |          |          | _        |          |          |          |          | 109        |          |                       | T         | $\neg$   |   |          |           |   |          |
|  | 10       | 1        |          |          | Π        |  | Т              | Τ            | П         |          |          |          | 60               |               |          |                |          |          | $\neg$   |          |          |          |          | 110        |          |                       |           |          |   |          |           |   |          |
|  | 11       | 1        |          |          |          |  | Π              |              |           |          |          |          | 61               |               |          |                |          |          |          | $\neg$   |          |          |          | 111        |          |                       | Т         |          |   |          |           |   |          |
|  | 12       | 1        |          |          |          |  |                |              |           |          |          |          | 62               |               |          |                |          |          |          |          |          |          |          | 112        |          |                       |           |          |   |          |           |   |          |
|  | 13       | 1        |          |          | -        | $\Box$   | $\Box$         | $\Box$       |           |          |          |          | 63               |               |          |                |          | $\Box$   |          |          |          |          |          | 113        |          |                       | $\perp$   |          |   |          |           |   |          |
|  | 14       | 1        |          |          |          |  |                |              |           |          |          |          | 64               |               |          |                | $\perp$  | _        | $\perp$  | _        |          |          |          | 114        |          |                       | 4         | _        |   |          |           |   |          |
| <u> </u>   | 15       | 1        | L        |          | <u> </u> |  | <u> </u>       | _            | Ш         |          |          |          | 65               |               |          |                |          |          | $\perp$  |          | $\perp$  |          |          | 115        | Ш        | $\sqcup \!\!\! \perp$ | 4         |          |   | Ш        | Ш         |   |          |
|  | 16       |          | _        |          | <u> </u> | <u> </u>   | <u> </u>       | ┸            | Ш         |          |          |          | 66               |               | _        | _              | $\perp$  | _        | _        | _        | _        | _        |          | 116        |          |                       | 4         |          |   |          |           |   |          |
|  | 17       |          |          |          | <u> </u> | <u> </u>   | <u> </u>       | <u> </u>     | Ш         |          | ·        |          | 67               |               | _        | _              |          | _        | _        | _        | _        |          | ļ        | 117        |          | $\perp$               | 4         | _        |   |          | ш         |   |          |
|  | 18       | _        |          | ļ        | <u> </u> | <u> </u>   | <u> </u>       | ╙            | Ш         |          | <u> </u> |          | 68               |               | _        |                |          | _        | _        | _        | _        | _        |          | 118        | Ш        | $\sqcup$              | 4         | _        |   |          |           |   |          |
| ļ  | 19       |          | _        |          | _        |  | 1              |              | Ш         |          |          | _        | 69               |               | _        | _              | _        | -        | _        | _        | $\perp$  | _        | ļ        | 119        | Ш        | $\vdash$              | 4         | _        |   |          |           |   |          |
|  | 20       | <u> </u> |          | ļ        | <u> </u> | ↓_   | <u> </u>       | ┞            | $\sqcup$  |          |          |          | 70               |               |          |                | -        | -        | $\dashv$ |          | -        | _        |          | 120        | Щ        | $\vdash$              | 4         | _        |   |          | _         |   |          |
|  | 21       |          |          | <u> </u> | -        |  | ļ              | <del> </del> | _         |          |          |          | 71               |               |          | -              | $\dashv$ | 4        | +        | $\dashv$ | -        | _        |          | 121        | oxdot    | $\vdash$              | 4         |          |   |          | _         |   |          |
|  | 22       |          |          | -        | ļ        | -  | ┢              | ╁            | Н         | _        | $\vdash$ |          | 72<br>73         | $\vdash$      | -        |                | -        | -        | -        | -        | +        |          |          | 122<br>123 | Н        | $\vdash$              | +         | $\dashv$ |   | H        | Н         |   |          |
| -  | 23<br>24 |          |          | _        |          | ├-   | <del> </del> — | ╀            | H         |          | -        |          | 74               |               |          |                |          | $\dashv$ |          |          | -        | -        |          | 123        | Н        | $\vdash$              | +         | $\dashv$ |   |          | Н         |   |          |
|  | 25       | -        | <u> </u> |          | ├        | -  | ┢              | ┼─           | Н         |          | -        |          | <del>75</del>    |               | $\dashv$ |                |          | +        | -        |          | -+       |          |          | 125        | Н        | $\vdash$              | +         | $\dashv$ |   |          | -         |   |          |
| -  | 26       |          |          | -        | ┼        | ╁  | ┢              | $\vdash$     | Н         |          | ·  -     |          | 76               | -             | $\dashv$ | $\dashv$       | $\dashv$ | $\dashv$ | +        | $\dashv$ | $\dashv$ | $\dashv$ | -        | 126        |          |                       | +         |          |   | -        | -         |   |          |
|  | 27       | ⊢        |          |          |          | ┼─   | $\vdash$       | ╁─           | $\vdash$  |          | -        |          | 77               | $\dashv$      | $\dashv$ | $\dashv$       | $\dashv$ | $\dashv$ | -+       | -+       | $\dashv$ | $\dashv$ |          | 127        |          |                       | +         |          | - |          |           |   | Н        |
|  | 28       | $\vdash$ |          |          | ┼──      | ┼  | ┼─             | ╁            | $\vdash$  | $\dashv$ | -        |          | 78               | $\dashv$      | +        | _              |          | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ |          | 128        | $\vdash$ |                       | +         |          |   | -        |           |   |          |
|  | 29       | $\vdash$ |          |          | $\vdash$ | $\vdash$   | $\vdash$       |              |           | $\dashv$ |          |          | 79               | $\dashv$      | $\dashv$ | $\dashv$       | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | ┪.       |          | 129        | Н        | $\vdash$              | +         | $\dashv$ |   |          |           |   |          |
|  | 30       | _        |          | _        | ╁        | ┢  | t              |              | H         | $\dashv$ |          |          | 80               |               | 7        |                |          | $\dashv$ | $\dashv$ | 寸        | $\dashv$ | ┪        |          | 130        |          |                       | 7         | $\dashv$ |   | _        | _         | _ |          |
|  | 31       |          |          |          |          | <del>                                     </del> |                |              |           | $\neg$   |          |          | 81               | 1             | 7        | T              |          | 寸        | _        | 寸        | 寸        | _        |          | 131        | П        | $\vdash$              | す         |          |   |          |           |   |          |
|  | 32       | _        |          | Г        | Г        |  | T              | 1            |           |          |          | $\top$   | 82               | T             | T        | $\neg$         |          | 寸        | 寸        | ヿ        | $\neg$   | $\neg$   |          | 132        |          |                       | T         | $\neg$   |   |          |           |   |          |
|  | 33       |          |          |          | Γ        |  |                |              |           |          |          |          | 83               |               |          |                |          |          |          | 1        |          |          |          | 133        |          | $\Box$                | $\exists$ |          |   |          |           |   |          |
|  | 34       |          |          |          | L        |  |                | $L^-$        |           |          |          |          | 84               |               |          |                |          |          |          |          |          |          |          | 134        |          |                       |           |          |   |          |           |   |          |
|  | 35       |          |          |          |          |  |                |              |           |          |          |          | 85               |               |          |                |          |          |          |          |          |          |          | 135        |          |                       |           |          |   |          |           |   |          |
|  | 36       |          |          |          |          |  |                |              |           |          |          |          | 86               |               |          |                |          |          | $\Box$   |          |          |          |          | 136        |          |                       | $\prod$   |          |   |          |           |   |          |
|  | 37       |          |          |          |          |  |                |              |           |          |          |          | 87               |               |          |                |          |          |          |          |          |          |          | 137        |          |                       |           |          |   |          |           |   |          |
|  | 38       |          |          |          | L        |  |                |              |           |          |          |          | 88               |               |          |                |          | $\Box$   | $\Box$   |          | $\Box$   |          |          | 138        |          | $\Box \Box$           |           |          |   |          |           |   |          |
|  | 39       |          |          |          |          |  | L              |              |           | ]        |          |          | 89               |               |          |                |          |          | $\perp$  |          | _[       | _        |          | 139        |          |                       | $\perp$   | $\Box$   |   |          |           |   |          |
|  | 40       |          |          |          | L_       |  | _              |              |           |          |          |          | 90               |               | _        |                |          | _        | $\perp$  | _        | _        |          |          | 140        |          |                       | 4         | _        |   |          |           |   |          |
| ļ  | 41       |          | _        |          | _        | <u> </u>   | ┞.             | <b> </b>     | Ш         |          |          | 4        | 91               |               | _        |                | _        | _        | 4        | _        | _        |          | <u> </u> | 141        | Щ        | <u> </u>              | 4         | _        |   | <u> </u> |           |   |          |
|  | 42       | <u> </u> | $\vdash$ | _        | <u> </u> | -  | <b>├</b>       | ↓_           | $\square$ |          |          |          | 92               |               | _        |                | _        | _        | _        | 4        | $\perp$  | _        |          | 142        | L        |                       | $\dashv$  |          |   | <u> </u> | $\square$ |   | Ш        |
| L  | 43       |          | <u> </u> |          | <u> </u> | <u> </u>   | ⊢              | 1            | Ш         |          | -        | $\bot$   | 93               |               | _        | _              | _        | _        | 4        | _        |          | _        |          | 143        | <u> </u> | $\vdash \vdash$       | 4         |          |   | $\vdash$ |           |   |          |
| ļ  | 44       | _        | ļ        | _        | _        | ļ  | $\vdash$       | 1            | Н         | _        | -        |          | 94               | $\rightarrow$ | _        | _              |          | _        | $\dashv$ | 4        | +        | _        | -        | 144        | Ш        | _                     | 4         | 4        |   |          | $\vdash$  |   |          |
|  | 45       | <u> </u> | -        | <u> </u> |          | -  | $\vdash$       | 1            | Н         | $\dashv$ | $\vdash$ | +        | 95<br>06         | 4             | $\dashv$ |                |          | -        | +        |          | +        | _        |          | 145        | $\vdash$ | +                     | +         | $\dashv$ |   | $\vdash$ |           |   |          |
|  | 46<br>47 | <u> </u> | $\vdash$ | _        | $\vdash$ | ├  |                | ╀            | $\vdash$  |          | -        | - -      | 96<br>97         |               | $\dashv$ | $\dashv$       | $\dashv$ | $\dashv$ | +        | 4        | +        | 4        | -        | 146<br>147 |          |                       | $\dashv$  | $\dashv$ |   | -        | $\vdash$  |   |          |
|  | 48       |          | -        | _        | ├        | ├  | $\vdash$       | $\vdash$     | Н         | ႕        | $\vdash$ |          | 9 <i>1</i><br>98 | $\dashv$      |          |                | -        | $\dashv$ | +        | $\dashv$ | $\dashv$ | $\dashv$ | -        | 148        | $\vdash$ |                       | +         |          | - | $\vdash$ | -         |   |          |
|  | 49       | <u> </u> |          | _        | ├        | <del>                                     </del> | $\vdash$       | $\vdash$     | Н         | $\dashv$ |          | +        | 99               | -             | $\dashv$ |                |          | $\dashv$ | +        | $\dashv$ | $\dashv$ | $\dashv$ | -        | 149        | $\vdash$ | -                     | +         | -        |   | $\vdash$ | $\vdash$  |   |          |
| <del>                                     </del> | 50       |          |          |          | $\vdash$ | <del> </del>                                     |                | ╁            | $\vdash$  | $\dashv$ | -        | +        | 00               | $\dashv$      | $\dashv$ | +              | $\dashv$ | $\dashv$ | +        | +        | $\dashv$ | -        | $\vdash$ | 150        |          | +                     | +         | $\dashv$ | _ | $\vdash$ | -         |   | $\dashv$ |
|  | ~        |          |          |          | Ц.       | I.   | 1              |              | $\perp$   |          |          |          |                  |               | 1        |                |          |          | _ L      | 1        |          |          |          | , ,,,,,    |          |                       |           |          |   |          |           |   |          |